

VGA / YPbPr +R/L AUDIO TO HDMI CONVERTER

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# HD VIDEO CONVERTER

USER Manual

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**Bring High-Definition to your life!**

**Thank you for purchasing our product. To ensure safety and many years' trouble-free operation of the product, please read the manual carefully before using this product.**

## 1.0 INTRODUCTION

This kind of the Converter is a VGA and Ypbpr video converter. It converts VGA or ypbpr input into HDMI to allow PC users to show their image not only on the PC's monitor, but could also on TV, to have a large display. The conversion is along with the R/L audio. Converter offers solutions for digital entertainment center, HDTV retail and show site, HDTV, STB, DVD and Projector factory, noise space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

## 2.0 FEATURES

The series of the HDMI Amplifier Converter have many features that enable them to perform in a superior manner. among those features you will find:

- 1、 Conversion: It could convert PC' s VGA video or YPbPr Signal and R/L audio into complete HDMI.
- 2、 Extend the transmission distance and improve transmission signal.
- 3、 Compatible with DVI by using HDMI to DVI adapter.
- 4、 Metal casing design and overall shielding without signal interference.
- 5、 Led indicates signal and power mode.
- 6、 Power supply (please refer to technical parameter).

## 3.0 SPECIFICATIONS

Signal Inputs/Output	
Input Video Signal	VGA、 YPbPr
Input Audio Signal	L/R
Maximum Single Link Range	1600X1200, 1080P
Output Video	HDMI + HDCP1.0/1.1
VGA\YPbPr	640x480 60Hz 72Hz 75Hz 800x600 60Hz 72Hz 75Hz 1024x768 60Hz 70Hz 75Hz 1280x1024 60Hz 1600x1200 60Hz
DTV/HDTV	480i/576i/480p/576p/720p/1080i/1080P
Operating Frequency	
Frequency	Up to165MHz
Video Amplifier Bandwidth	1.65Gpbs/165MHz
Resolutions(HDTV)	
Interlaced(50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p
Mechanical	
Size(LxWxH)	154x70x23.5mm
Weight(Net)	0.68Kg
Warranty	

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Limited Warranty	1 Year Parts and Labor
Environmental	
Operating Temperature	0 to +70°C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10 to +80°C
Storage Humidity	5% to 95 % RH (no condensation)
Power Requirement	
External Power Supply	DC 5V 1A
Regulatory Approvals	
Converter Unit	CE,FCC,ROHS
Power Supply	CE,FCC,PSE,TK,UL
Accessories Adapter	
AC Power Adapter	US standard, UK standard and so on
User Manual	English Version

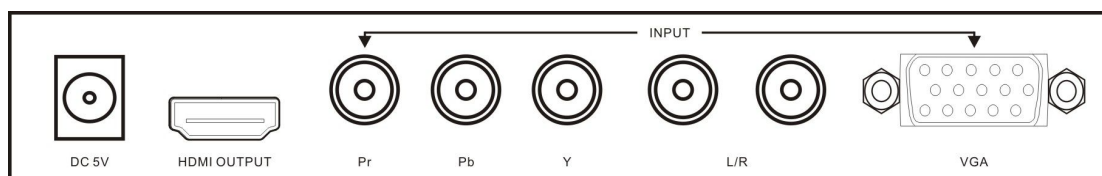
### 4.0 PANEL INTRODUCTION

#### FRONT PANEL



VGA IN-----VGA input indicator  
 YPbPr IN-----YPbPr input indicator  
 POWER-----Power Indicator  
 VGA/YPbPr-----VGA OR YPbPr signal  
 ON/OFF-----POWER SWITCH

#### BACK PANEL



DC 5V-----DC Power input  
 HDMI OUTPUT-----HDMI Signal output  
 YPbPr-----YPbPr signal input  
 L/R-----L/R Audio input  
 VGA-----VGA signal input

### 5.0 CONNECTION AND OPERATION

Before installation, please make sure all devices you wish to connect have been turned off.

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- 1、 Connect the VGA video or YPbPr video and R/L audio from computer to Converter.(Input cables are optional)
- 2、 Connect the HDMI output from to the TV which has HDMI input.
- 3、 Connect the VGA and R/L audio output of back to the computer's monitor and speaker if necessary.
- 4、 Insert the DC side of 5V power supply into and then connect the AC side of the power supply into the wall outlet
- 5、 Power on the computer and TV, choose the input of TV to its HDMI channel.
- 6、 The image does not need to be adjusted, the Converter will position it automatically, the user may adjust the horizontal position under some extreme condition.

**Attention: Insert / Extract cable gently.**

### **WARNING**

- 1、 Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases ,shall be placed on the apparatus.
- 2、 Do not install or place this unit a bookcase, built-in cabinet or in another confined space ensure the unit is well ventilated.
- 3、 To prevent risk of electric shock or fire hazard due to overheating, do not obstruct the unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.
- 4、 Do not install near any heat sources such as radiators, heat registers, Stoves or other apparatus(including amplifiers)that product heat.
- 5、 Do not place sources of naked flames, such as lighted candles, on the unit.
- 6、 Clean this apparatus only with dry cloth.
- 7、 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 8、 Protect the power cord from being walked on or pinched particularly at plugs.
- 9、 Only use attachments/accessories specified by the manufacturer.
- 10、 Refer all servicing to qualified service personnel.  
Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner or benzine to clean this unit.